

Search: (DE19518974)/PN

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Patent Number: CA2149836 A1 19951124

Perforator for dispensing pharmaceutical product through skin

(DE19518974)

The perforator comprises a housing which has facing holes for a shaft (12) to go through in the opposite-facing bottom sides. Bearings (22) are inserted in each of the housing holes. A perforating roller has a number of needles (14) on its outer surface, and a shaft in the centre. The roller is pivotably held on the opposite facing side ends of the central shaft by bearings so that the roller partly protrudes out of the base of the housing.














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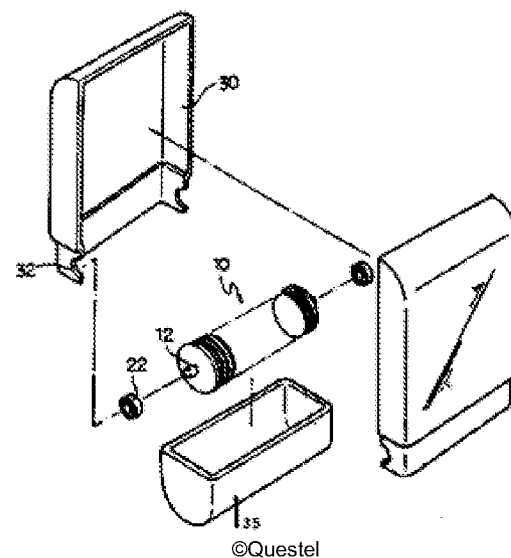
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FamPat family

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CA2149836	A1	19951124	  
STG:	Application laid open		
AP :	1995CA-2149836		
	19950519		
DE19518974	A1	19951130	  
STG:	Doc. laid open (First publication)		
AP :	1995DE-1018974		
	19950523		
CA2149836	C	19990706	   
STG:	Patent (second level)		
DE19518974	C2	20000224	  
STG:	Patent specification (Second publ.)		

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FIG.2

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